

10/533016

FILE 'HOME' ENTERED AT 08:59:45 ON 26 SEP 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 08:59:54 ON 26 SEP 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 SEP 2007 HIGHEST RN 948051-90-9

DICTIONARY FILE UPDATES: 25 SEP 2007 HIGHEST RN 948051-90-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\110.str

L1 STRUCTURE UPLOADED

=> s l1 full

FULL SEARCH INITIATED 09:00:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L2 4 SEA SSS FUL L1

=> d l2 1-4

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 691848-29-0 REGISTRY

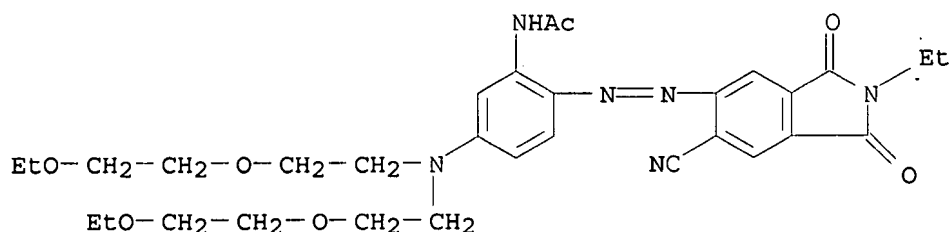
ED Entered STN: 11 Jun 2004

CN Acetamide, N-[5-[bis[2-(2-ethoxyethoxy)ethyl]amino]-2-[(6-cyano-2-ethyl-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]phenyl]- (9CI) (CA INDEX NAME)

MF C31 H40 N6 O7

SR CA

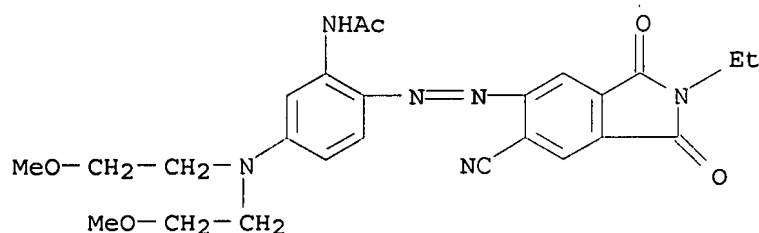
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 479194-50-8 REGISTRY  
ED Entered STN: 16 Jan 2003  
CN Acetamide, N-[5-[bis(2-methoxyethyl)amino]-2-[(6-cyano-2-ethyl-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]phenyl]- (9CI) (CA INDEX NAME)  
MF C25 H28 N6 O5  
SR CAS Client Services  
LC STN Files: CA, CAPLUS, CHEMLIST, USPATFULL



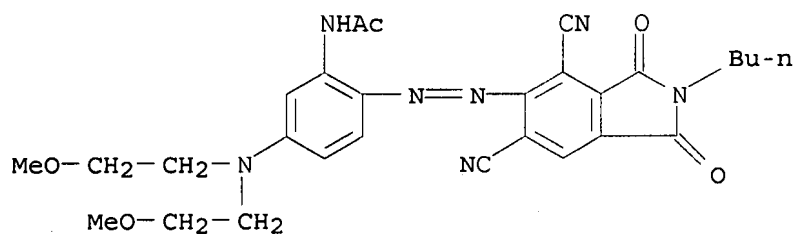
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 461417-49-2 REGISTRY  
ED Entered STN: 15 Oct 2002  
CN Acetamide, N-[5-[bis(2-methoxyethyl)amino]-2-[(2-butyl-4,6-dicyano-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]phenyl]-, mixt. with N-[5-[bis(2-methoxyethyl)amino]-2-[(4,6-dibromo-2,3-dihydro-2-methyl-1,3-dioxo-1H-isoindol-5-yl)azo]phenyl]acetamide and N-[2-[(2-butyl-4,6-dicyano-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]-5-(diethylamino)phenyl]acetamide (9CI) (CA INDEX NAME)  
MF C28 H31 N7 O5 . C26 H27 N7 O3 . C23 H25 Br2 N5 O5  
CI MXS  
SR CA  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

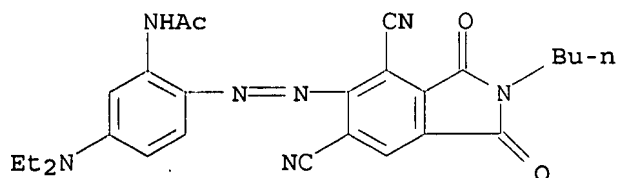
CM 1

CRN 368450-40-2  
CMF C28 H31 N7 O5



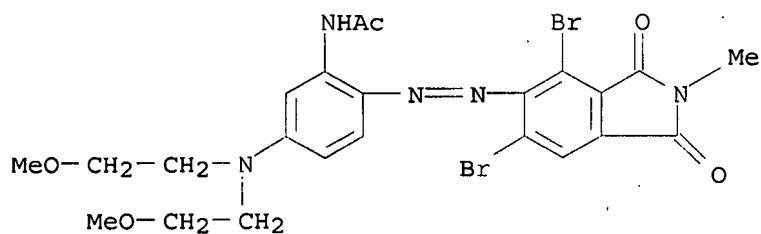
CM 2

CRN 368450-39-9  
CMF C26 H27 N7 O3



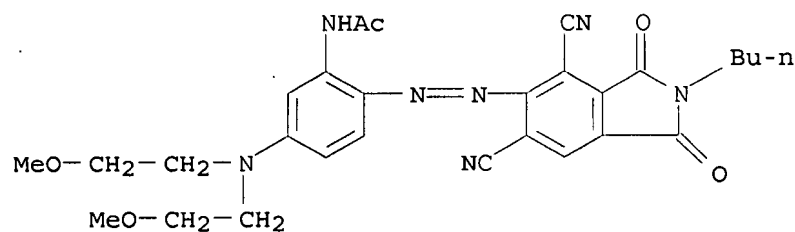
CM 3

CRN 361379-00-2  
CMF C23 H25 Br2 N5 O5



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 368450-40-2 REGISTRY  
ED Entered STN: 09 Nov 2001  
CN Acetamide, N-[5-[bis(2-methoxyethyl)amino]-2-[(2-butyl-4,6-dicyano-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)azo]phenyl]- (9CI) (CA INDEX NAME)  
MF C28 H31 N7 O5  
CI COM  
SR CAS Client Services  
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

180.35

180.56

FILE 'CAPLUS' ENTERED AT 09:01:06 ON 26 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 26 Sep 2007 VOL 147 ISS 14

FILE LAST UPDATED: 25 Sep 2007 (20070925/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l1 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:01:40 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L3 4 SEA SSS FUL L1

L4 6 L3

=> d l4 1-4

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:816451 CAPLUS

DN 147:191221

TI Processes for treatment of fiber materials using disperse dye-containing compositions

IN Schlenker, Wolfgang; Dubini, Mario  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO PCT Int. Appl., 33pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007082803	A1	20070726	WO 2007-EP50127	20070108
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI EP 2006-100513 A 20060118  
EP 2006-101102 A 20060131

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:106107 CAPLUS  
DN 144:333030  
TI Manufacture and application of composite disperse dye for polyester fibers  
IN Ruan, Weixiang; Zhang, Yunbao; Song, Yu  
PA Zhejiang Longsheng Group Co., Ltd., Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 12 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1648171	A	20050803	CN 2004-10099107	20041228
PRAI	CN 2004-10099107		20041228		
OS	MARPAT 144:333030				

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:106093 CAPLUS  
DN 144:214343  
TI Red monoazo dye composition useful for dyeing hydrophobic textile material  
IN Ruan, Weixiang; Zhang, Yunbao; Song, Yu  
PA Zhejiang Longsheng Group Co., Ltd., Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 9 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1648168	A	20050803	CN 2004-10099096	20041228
PRAI	CN 2004-10099096		20041228		
OS	MARPAT 144:214343				

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:430871 CAPLUS  
DN 140:424967

TI Phthalimidyl-azo dyes, their production and their use  
IN Clement, Antoine; Arquint, Alfons; Lauk, Urs  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO PCT Int. Appl., 20 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004044058	A1	20040527	WO 2003-EP12282	20031104
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	
	RW:			BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
	AU 2003276247	A1	20040603	AU 2003-276247	20031104
	EP 1560883	A1	20050810	EP 2003-810962	20031104
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	
	CN 1711319	A	20051221	CN 2003-80102950	20031104
	JP 2006505662	T	20060216	JP 2004-550922	20031104
	US 2006101594	A1	20060518	US 2005-533010	20050428
	IN 2005CN01209	A	20070810	IN 2005-CN1209	20050610
PRAI	EP 2002-405967	A	20021111		
	WO 2003-EP12282	W	20031104		

OS MARPAT 140:424967

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 08:59:45 ON 26 SEP 2007)

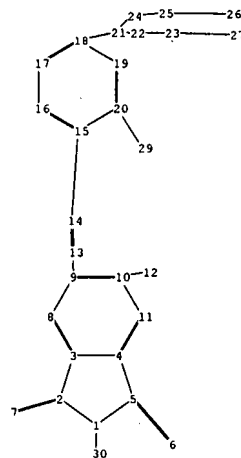
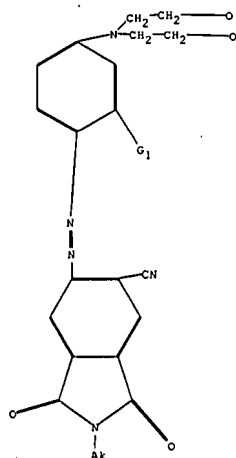
FILE 'REGISTRY' ENTERED AT 08:59:54 ON 26 SEP 2007

L1 STRUCTURE UPLOADED  
L2 4 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:01:06 ON 26 SEP 2007  
S L1

FILE 'REGISTRY' ENTERED AT 09:01:40 ON 26 SEP 2007  
L3 4 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:01:41 ON 26 SEP 2007  
L4 6 S L3 FULL



chain nodes :

6 7 12 13 14 21 22 23 24 25 26 27 29 30

ring nodes :

1 2 3 4 5 8 9 10 11 15 16 17 18 19 20

chain bonds :

1-30 2-7 5-6 9-13 10-12 13-14 14-15 18-21 20-29 21-22 21-24  
22-23 23-27 24-25 25-26

ring bonds :

1-2 1-5 2-3 3-4 3-8 4-5 4-11 8-9 9-10 10-11 15-16 15-20 16-17  
17-18 18-19 19-20

exact/norm bonds :

1-2 1-5 1-30 2-3 2-7 4-5 5-6 9-13 13-14 14-15 18-21 20-29

exact bonds :

10-12 21-22 21-24 22-23 23-27 24-25 25-26

normalized bonds :

3-4 3-8 4-11 8-9 9-10 10-11 15-16 15-20 16-17 17-18 18-19 19-20

G1:CH3,OH,NH,Cl,Br,F,I

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom  
10:Atom 11:Atom 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom  
18:Atom 19:Atom 20:Atom 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS  
26:CLASS 27:CLASS 29:CLASS 30:CLASS

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	((("3980634") or ("6555664") or ("5218095") or ("5723587") or ("6008332") or ("4734490")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 18:24
S2	2	("6555664").URPN.	USPAT	OR	OFF	2007/09/24 18:43
S3	5	"5218095"	USPAT	OR	OFF	2007/09/24 18:43
S4	4	("5218095").URPN.	USPAT	OR	OFF	2007/09/24 18:45
S5	5	("5723587").URPN.	USPAT	OR	OFF	2007/09/24 18:46
S6	4	("5218095").URPN.	USPAT	OR	OFF	2007/09/24 18:46
S7	1	("3980634").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:46
S8	5	("3980634"   "4039522"   "4324719"   "4734490"   "5218095").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:54
S9	0	"2002074864"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:54
S10	2	"02074864"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:54
S11	5	"0443984"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:54
S12	14	"443984"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:57
S13	2	"02068539"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:57
S14	0	"02/068539"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:57
S15	0	"02/68539"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:57
S16	0	"200268539"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:58
S17	2	"51029577"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/24 18:58



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	34	534/789	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 09:36
S2	100	(534/789).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 09:37
S3	1	51-029577	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/26 09:37